

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTICAL CO₂ AND COMBINED O₂/CO₂ SENSORS

which is the U.S. National Phase of International Application No. PCT/IE2004/000028, filed on February 27, 2004.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 (including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

	<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
1.	PCT/IE2004/000028	PCT	27 February 2004
2.	2003/0144	Ireland	28 February 2003

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.

Customer Number: 020306

Principal attorney or agent: Emily Miao

Telephone number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Rec'd PCT/PTO 06 FEB 2006

10/547065

1-02 Full name of first inventor: Aisling McEvoy

Inventor's signature: Aisling McEvoy

Date: 29.11.2005

Residence: Dublin, Ireland IE

Citizenship: Ireland

Post Office Address: 10 Rathfarnham Mill, Church Lane, Rathfarnham, Dublin 14, Ireland

BEST AVAILABLE COPY

Rec'd PCT/PTO 06 FEB 2006
10/547065

2-00 Full name of second joint inventor: Brian MacCraith

Inventor's signature:

Brian MacCraith

Date:

29. 11. 05

Residence:

Portmarnock, Co. Dublin, Ireland IE

Citizenship:

Ireland ✓

Post Office Address:

4 Carrickhill Heights, Portmarnock, Co. Dublin, Ireland

BEST AVAILABLE COPY

10/547065
Rec'd PTO 06 FEB 2006

300 Full name of third joint inventor: Colette McDonagh

Inventor's signature: Colette McDonagh

Date: 29/11/05

Residence: Glenageary, Co. Dublin, Ireland IE

Citizenship: Ireland /

Post Office Address: 45 Arnold Park, Glenageary, Co. Dublin, Ireland

BEST AVAILABLE COPY

Rec'd PCT TO 06 FEB 2006

10/547065 p.3

Mar 02 2006 17:27 HP LASERJET FAX

WITNESS my hand and seal this 31st day of Jan., 2006.

WITNESS Jorge Perez

x Olive von Bultzingslöwen
Name: Olive Von Bultzingslöwen
Legal Representative of the Estate of
Christoph Von Bultzingslöwen

- 5 -

MCDONNELL BOENEN
HUBERT & BERCHOFF LLP
300 SOUTH WACKER DRIVE

BEST AVAILABLE COPY

BEST AVAILABLE COPY